

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims indicating the current status of each claim and including amendments currently entered as highlighted.

1. (Currently Amended) An intravascular device for minimally invasive deployment within a vessel, the intravascular device comprising:

a delivery system having a lumen defining a feed direction; and

a closed loop of flexible material configured to assume a first state in which said closed loop is folded on itself and straightened to allow delivery through said delivery system, said closed loop being further configured so as to be elastically biased to a predefined curved form such that, when said closed loop is advanced beyond said delivery system, said biasing to a curved form results in deployment of said loop in a direction generally perpendicular to said feed direction and opening of said loop to provide a formation for retention against an inner wall of the vessel,

wherein said formation for retention is circular as viewed along said feed direction and at least partially curved as viewed along a direction perpendicular to said feed direction.

2. (Previously Presented) The intravascular device of claim 1, wherein said closed loop is formed from a shape-memory alloy preset to said formation for retention, said closed loop being subsequently deformed to assume said first state prior to insertion within said delivery system.

3. (Original) The intravascular device of claim 2, wherein said alloy is Nitinol.

4. (Canceled)

5. (Previously Presented) The intravascular device of claim 1, further comprising an inflatable device mechanically linked to said closed loop.

6. (Previously Presented) The intravascular device of claim 1, further comprising an intravascular filter structure mechanically linked to, or integrally formed with, said closed loop.

7. (Previously Presented) The intravascular device of claim 1, further comprising a valve member mechanically linked to said closed loop.

8. (Previously Presented) The intravascular device of claim 1, wherein said closed loop includes a breakable section.

9. (Previously Presented) The intravascular device of claim 1, wherein a band is mounted on said closed loop.

10. (Original) The intravascular device of claim 9, wherein said band includes at least one inflatable balloon.

11. (Original) The intravascular device of claim 10, wherein said balloons are made of silicone.

12. (Original) The intravascular device of claim 9, wherein the diameter of said band is adjustable.

13. (Original) The intravascular device of claim 9, wherein said band
is a pulmonary artery band.

14. (Canceled)